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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit:

Serial No.

Examiner:

Filed:

HEREIN

Atty. Dkt. No: LOC005-US

For: CANDIDATE-INITIATED BACKGROUND CHECK AND VERIFICATION

To:

Mail Stop Patent Application

Commissioner for Patents

PO Box 1450

Alexandria, VA 22313-1450

Fm:

24222

CERTIFICATE OF MAILING 37 CFR 1.10: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as EXPRESS MAIL POST OFFICE TO ADDRESSEE addressed t: Mail Stop Patent Application, Commissioner for Patents, PO Box 1450, Alexandria, VA22313-1450.

Date: 02 04 200

Debra A. Stengel or [-] Scott J. Asmus, Reg. No. 42,269

Commissioner:

LETTER OF TRANSMITTAL

Submitted herewith is a application for United States patent consisting of _1_ page Fee Transmittal form PTO/SB/17 to cover filing fee, _1_ page Patent Application Bibliographic Data Sheet, _52_ pages of specification and claims, _8_ sheets of drawings, _1_ page of declaration and power of attorney.

- [X] (37 CFR 1.9(f) & 1.27(c)) Small Entity status applies.
- [X] (35 U.S.C. 122(b)(2)(B)(i)) PTO form PTO/SB/35 Nonpublication Request enclosed
- [X] (37 CFR 1.84(J)) Applicant requests FIG. 2 for inclusion on the front page of the patent application publication and patent.
- [] PCT application being filed concurrently

This application claims priority to US Application Serial Number 60/501,210 filed on 09/08/2003.

The invention was not made by an agency of the United States Government nor under a contract with an agency of the United States Government.



EXPRESS MAIL CERTIFICATE EL 962 754 796 US

Fee calculation table:

Fee calculation is based on 4. independent and 37 total claims	
37CFR1.16(a) Basic filing fee – Utility - \$385.00	\$385.00
37CFR1.16(b) Independent claims in excess of three - 1 x \$43.00 ea.	43.00
37CFR1.16(c) Claims in excess of twenty - 17 x \$9.00 ea.	153.00
TOTAL DUE:	\$581.00

The Office is hereby authorized to charge the \$_581.00_\text{filing fee for the application} submitted herein to deposit account 500323, The Office is also hereby authorized to charge any deficiency or credit any overpayment in the fees to deposit account 500323.

Respectfully submitted,

Cus. No. 24222

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Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Papenwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004 Effective 10/01/2003. Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

Applicant claims small entity status. See 37 CFR 1.27

(\$) 581.00

Complet if Known			
Application Number			
Filing Date	HEREIN		
First Named Inventor	LEE, Geoffrey C		
Examiner Name			
Art Unit			
Attorney Docket No.	LOC005-US		

METHOD OF PAYMENT (check all that apply)	METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued)			
Check Credit card Money Other None	3. ADDITIO	NAL FEES		
Order Order	Large Entity S	Small Entity		
Deposit Account:		ee Fee Fee Description		
Deposit Account 500323 .		code (\$) Fee Paid		
Number Deposit		1051 65 Surcharge - late filing fee or oath 1052 25 Surcharge - late provisional filing fee or		
Account Maine & Asmus	1052 50 2	cover sheet		
Name The Director is authorized to: (check all that apply)		053 130 Non-English specification		
Charge fee(s) indicated below Credit any overpayments		812 2,520 For filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)	1804 920	1804 920° Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee	1805 1.840 1	1805 1,840° Requesting publication of SIR after		
to the above-identified deposit account.		Examiner action		
FEE CALCULATION		2251 55 Extension for reply within first month		
1. BASIC FILING FEE		2252 210 Extension for reply within second month		
Large Entity Small Entity		2253 475 Extension for reply within third month		
Fee Fee Fee Fee Fee Description Fee Paid Code (\$)	1254 1,480	2254 740 Extension for reply within fourth month		
1001 770 2001 385 Utility filing fee 385	1255 2,010	2255 1,005 Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401 330	2401 165 Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402 330	2402 165 Filling a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403 290	2403 145 Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451 1,510	1451 1,510 Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 385	1452 110	2452 55 Petition to revive - unavoidable		
	1453 1,330	2453 665 Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501 1,330	2501 685 Utility issue fee (or reissue)		
Extra Claims below Fee Pald	1502 480	2502 240 Design issue fee		
Total Claims 37 -20** = 17 X 9 = 153 Independent 4 20** - 1 X 9 43 -43	1503 640	2503 320 Plant issue fee		
Claims 43	1460 130	1460 130 Petitions to the Commissioner		
Multiple Dependent	1807 50	1807 50 Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806 180	1806 180 Submission of Information Disclosure Stmt		
Code (\$) Code (\$)	8021 40	8021 40 Recording each patent assignment per property (times number of properties)		
1202	1809 770	2809 385 Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810 770	2810 385 For each additional invention to be		
1204 86 2204 43 "Reissue independent claims over original patent	1801 770	examined (37 CFR 1.129(b)) 2801 385 Request for Continued Examination (RCE)		
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900	1802 900 Request for expedited examination of a design application		
(a) 106	Other fee (spe	cify)		
SUBTOTAL (2) (\$) 190	*Reduced by f	Basic Filing Fee Paid SURTOTAL (3) (S)		

or number previ	ously paid, if greater; Fo	or Keissues, see adol	V8			(-) (-)	_
SUBMITTED BY	1	0.1			(Complete	T applicable))	
Name (Print/Type)	Neil F. Malone	0/11	Registration No. (Attorney/Agent)	42,833	Telephone	603-886-6100	
Signature	1 1/1/1/1	A. They	<u>~~·</u>		Date	February 4, 2004	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. . Box 1450, Alexandria, VA 22313-1450.